Form PTO-1390		J.S. DEPARTMENT OF COMMERCE	ATTORNEY'S DOCKET NUMBER						
 		PATENT AND TRADEMARK OFFICE							
TRANSMITTAL LETTER TO DESIGNATED/ELECTEC			U.S. APPLICATION NO. (If known, see 37 CFR 1.5)						
(ONCERNING A FILING U	NUER 35 0.3.0. 37 1	1.0)						
INTERNATIONAL APPLICATION NO. PCT/JP2004/017408		INTERNATIONAL FILING DATE 24 November 2004	PRIORITY DATE CLAIMED 3 December 2003						
TITLE OF INVENTION HEATING APPARATUS									
APPLICANT(S) FOR DO/EO/US Noriyuki TAJIMA, Koichi BABA, Akihiro YASUDA, Keisuke FUJIMOTO, Shigemitsu TANI and Masayuki ISAYAMA									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.									
1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.									
2. This is	☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.								
3. This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (23) indicated below.									
4. X The US has been elected (PCT Article 31).									
a. ⊠i b. ∏h	 A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. \(\subseteq \) is attached hereto (required only if not communicated by the International Bureau). b. \(\supseteq \) has been communicated by the International Bureau. c. \(\supseteq \) is not required, as the application was filed in the United States Receiving Office (RO/US). 								
6. ⊠ An Eng a. ⊠ i	 ⊠ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. ⊠ is attached hereto. 								
 b. has been previously submitted under 35 U.S.C. 154 (d) (4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) 									
a. [] a b. [] l c. [] l	 a. are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. 								
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).									
9. 🗵 An eath or declaration of the inventor(s) (35 U.S.C371(c)(4)).									
"Executed"									
	10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items 11 to 22 below concern other document(s) or information included:									
 11. Assignee: Matsushita Electric Industrial Co., Ltd. of Osaka, Japan 12. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 									
13. 🔲 An ass	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
14. ⊠ A FIRS ☐ A SEC	. ☑ A FIRST preliminary amendment. ☐ A SECOND or SUBSEQUENT preliminary amendment.								
15. 🛭 An App	☑ An Application Data Sheet under 37 C.F.R. 1.76.								
16. 🔲 A subs	☐ A substitute specification.								
17. 🔲 A powe	☐ A power of attorney and/or change of address letter.								
18. 🔲 Figure	Figure of Drawing to be published:								
19. 🔲 A com	☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.								
20. 🗌 A seco	A second copy of the published international application under 35 U.S.C. 154 (d) (4).								
21.	21. A second copy of the English language translation of the International of the international application under 35 U.S.C. 154 (d) (4).								
Interna	22. Other items or information: International Application as published (in Japanese). PCT/RO/101.								
PCT/II	SA/210 (in English and Japi PEA/409 International Prelin PEA/401.	anese). minary Examination Report and Anne:	x .						

U.S. APPLICATION NO. (If known, see 37		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER					
CFR 1.5)		PCT/JP2004/017408		P30030					
				CALCULATIONS	PTO USE ONLY				
23 🖾 The following fee: Basic national fe	s are submitted:	\$300.00							
24 🛛 Examination Fee		-11 -1-1	\$200.00						
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33 (1)-(4)									
25 🛭 Search fee		\$400.00							
Search fee (37 CFR 1.445 an International Searching International Search Repo All other situations	Authorityt prepared and provided								
T	OTAL 23, 24 and 25	\$900.00							
Additional Fee for S 100 sheets (excluding s filed in electronic media sheets of paper or fract	sequence listing or coum). The fee is \$250.0								
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE						
-100=	/50 =		x \$250.00	\$0.00					
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).									
Claims	Number Filed	Number Extra	Rate						
Total Claims	- 20 =		x \$50.00	\$0.00					
Independent Claims	- 3=		x \$200.00	\$0.00					
Multiple Dependent Cla	nim(s) (if applicable)		+ \$360.00	\$0.00					
		TOTAL OF ABOVE CA	LCULATIONS =	\$900.00					
Applicant claims sm are reduced by 1/2.	nall entity status. See	\$							
		\$900.00							
Processing fee of \$130 from the earliest claims		\$0.00							
Extension of Time fee i	n the amount of \$	\$0.00							
		TOTAL N	IATIONAL FEE =	\$900.00					
Fee for recording the e be accompanied by an property	nctosed assignment (appropriate cover sho	\$0.00							
		\$900.00							
		***************************************		Amount to be refunded	\$				
	*********	Charged	\$						
a. 🖂 A payment in the amount of \$ 900.00 to cover the above fees is included.									
b. Please charge my Deposit Account Noin the amount of \$ to cover the above fees.									
 c. The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0089. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit car information and authorization on PTO-2038. 									
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.									
SEND ALL CORRESPONDENCE TO CUSTOMER NO.52123 AT THE PRESENT ADDRESS OF: Leslie J. Paperner SIGNATURE Reg. #33329									
Bruce H. Bernstein									
GREENBLUM & BERNSTEIN, P.L.C. 1950 Roland Clark Place Region, VA 20191				Bruce H. Bernstein NAME					
Reston, VA 20191 (703) 716-1191				29,027 REGISTRATION NUMBER					